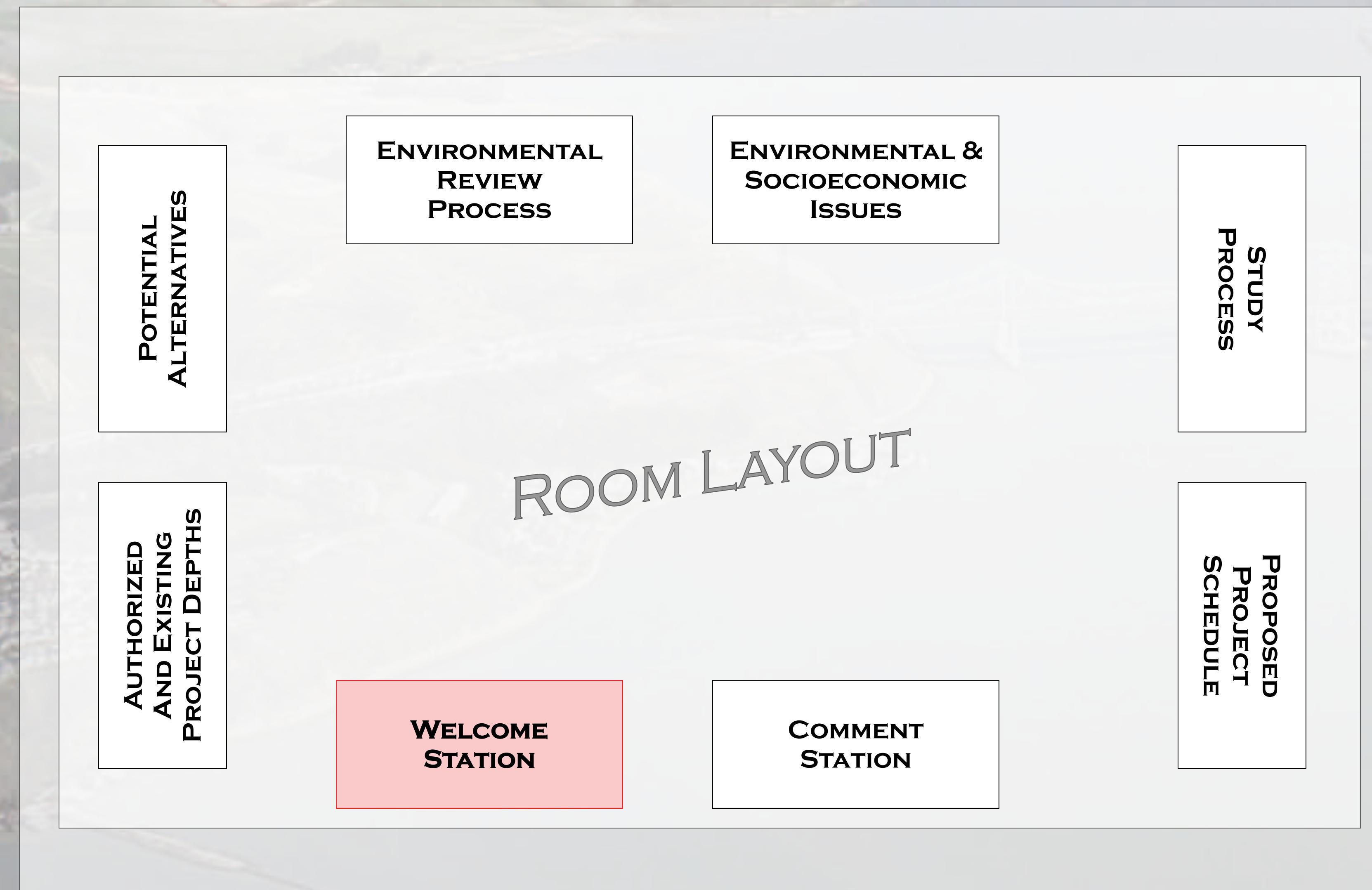


# OPEN HOUSE PUBLIC SCOPING MEETING

## SAN FRANCISCO BAY TO STOCKTON NAVIGATION IMPROVEMENT PROJECT



PLEASE SIGN IN HERE

### MEETING PURPOSE

- PROVIDE INTRODUCTION TO THE PROJECT
- DRAW COMMENTS AND INPUT FROM THE PUBLIC TO:
  - IDENTIFY KEY ISSUES
  - DEFINE RANGE OF ACTIONS
  - IDENTIFY ALTERNATIVE ACTIONS
  - DETERMINE ENVIRONMENTAL EFFECTS TO BE ANALYZED

### YOUR INPUT IS WELCOME —THE COMMENT STATION—

- PLEASE SIGN IN AND JOIN OUR DISTRIBUTION LIST
- COMMENT CARDS AVAILABLE AT WELCOME STATION AND COMMENT STATION
- PLEASE RETURN COMMENT CARDS TO COMMENT STATION OR ANY CORPS EMPLOYEE
- VERBAL COMMENTS CAN BE PROVIDED AT THE COMMENT STATION
- FLIP CHARTS ARE AVAILABLE FOR INFORMAL COMMENTS AND TO GENERATE DISCUSSION
- COMMENTS MAY ALSO BE SENT TO:

Ms. NANCY FERRIS  
U.S. ARMY CORPS OF ENGINEERS  
SAN FRANCISCO DISTRICT  
1455 MARKET STREET  
SAN FRANCISCO, CA 94103-1398

FAX: (415) 503-6692

E-MAIL: SPNETPA@USACE.ARMY.MIL

FOR ASSISTANCE, TELEPHONE: (415) 503-6865

# STUDY PROCESS

## MEETING PURPOSE AND GOALS

THE GOAL OF THIS MEETING IS TO GIVE THE PUBLIC AN OPPORTUNITY TO PROVIDE INPUT ON THE STUDY AND HELP DETERMINE ITS SCOPE. THE STUDY TEAM IS SEEKING INPUT ON ALTERNATIVES, CONCERNS TO BE TAKEN INTO ACCOUNT IN OUR STUDY, AND MITIGATION OPPORTUNITIES. THE STUDY TEAM IS AVAILABLE TO ANSWER ANY QUESTIONS ABOUT THE NEPA/CEQA OR CORPS PLANNING PROCESS. THE TEAM'S ULTIMATE GOAL IS TO ENSURE THAT THE MOST ECONOMICALLY AND ENVIRONMENTALLY JUSTIFIED PROJECT IS RECOMMENDED.

## CORPS PLANNING PROCESS

THE CORPS IS CONDUCTING A GENERAL REEVALUATION REPORT (GRR) TO ASSESS THE FEASIBILITY OF COMPLETING OR MODIFYING THIS PREVIOUSLY AUTHORIZED PROJECT. THE FEASIBILITY STUDY WILL PROCEED THROUGH A SERIES OF STAGES TO POTENTIALLY RECOMMEND A PLAN. DEPENDING ON THE RECOMMENDED PLAN, ADDITIONAL AUTHORIZATION FROM CONGRESS FOR THIS PROJECT MAY BE REQUIRED IN A WATER RESOURCES DEVELOPMENT ACT. IF

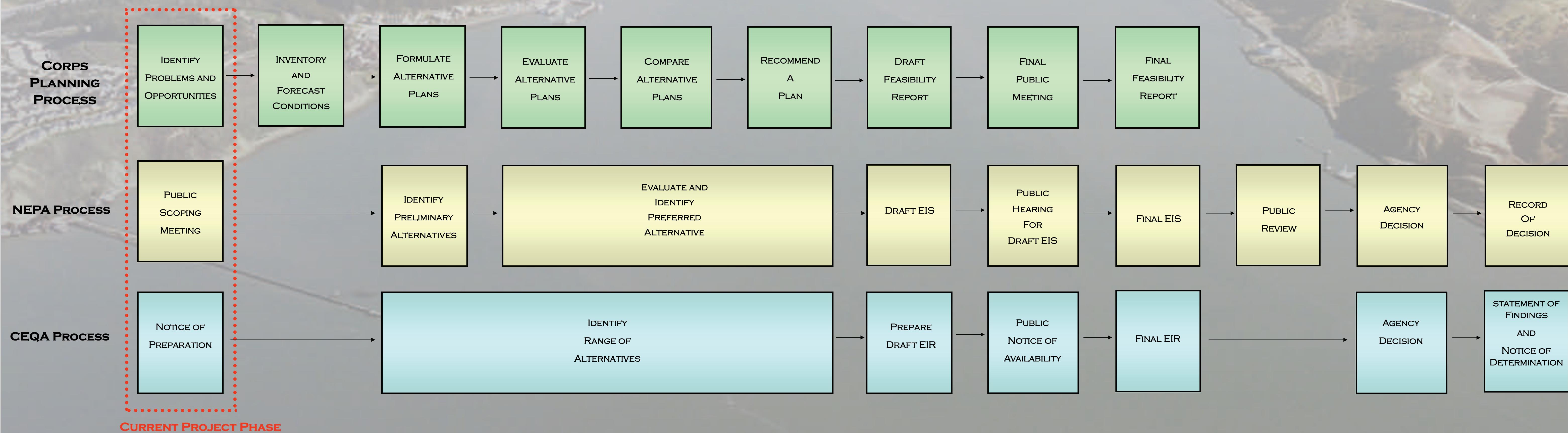
THE PLAN IS APPROVED BY THE CHIEF OF ENGINEERS OR AUTHORIZED BY CONGRESS, IT WILL UNDERGO FINAL DESIGN AND CONSTRUCTION ONCE FUNDS ARE APPROPRIATED BY CONGRESS.

## ENVIRONMENTAL COMPLIANCE

- IDENTIFY ALL REASONABLE ALTERNATIVES
- AVOID AND/OR MINIMIZE ENVIRONMENTAL IMPACTS DURING THE DEVELOPMENT OF ALTERNATIVES
- EVALUATE AND MITIGATE FOR UNAVOIDABLE ENVIRONMENTAL IMPACTS
- COMPLY WITH CURRENT ENVIRONMENTAL LAWS

## THE BASICS OF NEPA/CEQA

THE PROPOSED PROJECT WILL COMPLY WITH THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) AND THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA), WHICH REQUIRE THE PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT (EIS)/ENVIRONMENTAL IMPACT REPORT (EIR); EVALUATION OF AN ARRAY OF ALTERNATIVES; AND DISCLOSURE OF ANY ENVIRONMENTAL IMPACTS TO THE PUBLIC. THE LOCAL SPONSOR WILL BE THE LEAD FOR THE EIR (CEQA REQUIREMENT) AND A JOINT EIS/EIR WILL BE PREPARED.



# PROPOSED PROJECT SCHEDULE

<b>NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) &amp; CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) PROCESS</b>	<b>CORPS FEASIBILITY STUDY MILESTONES</b>	<b>ESTIMATED SCHEDULE</b>
DEFINE PROJECT PURPOSE AND NEED PUBLISH NOTICE OF INTENT (NEPA)/NOTICE OF PREPARATION (CEQA)	INITIATE FEASIBILITY STUDY (F1)	2008
→ CONDUCT SCOPING MEETINGS	PUBLIC WORKSHOP/SCOPING (F2)	2008
PREPARE DRAFT ENVIRONMENTAL IMPACT STATEMENT (NEPA-EIS)/ENVIRONMENTAL IMPACT REPORT (CEQA-EIR)	FEASIBILITY SCOPING MEETING (F3) ALTERNATIVE REVIEW CONFERENCE (F4) ALTERNATIVE FORMULATION BRIEFING (F4A)	2008-2009 2009 2009
DRAFT EIS/EIR: PUBLIC NOTICE (NEPA)/NOTICE OF AVAILABILITY (CEQA) AND 45-DAY PUBLIC REVIEW	DRAFT FEASIBILITY REPORT (F5) PUBLIC MEETING(S) (F6)	2009 2009-2010
FINAL EIS/EIR: RESPOND TO COMMENTS AND CONCERNs	FEASIBILITY REVIEW CONFERENCE (F7) FINAL REPORT TO DIVISION (F8) CIVIL WORKS REVIEW BOARD	2010 TBD TBD
FINAL EIS/EIR: PUBLIC NOTICE AND 30-DAY PUBLIC REVIEW	STATE/AGENCY 30-DAY REVIEW	TBD
RECORD OF DECISION (NEPA) STATEMENT OF FINDINGS AND NOTICE OF DETERMINATION (CEQA)	CHIEF OF ENGINEER'S REPORT TO ASSISTANT SECRETARY OF THE ARMY (ASA) FOR CIVIL WORKS (CW) ASA (CW) TRANSMITS CHIEF'S REPORT TO THE OFFICE OF MANAGEMENT AND BUDGET (OMB) ASA (CW) TRANSMITS CHIEF'S REPORT TO CONGRESS CONGRESSIONAL AUTHORIZATION	TBD

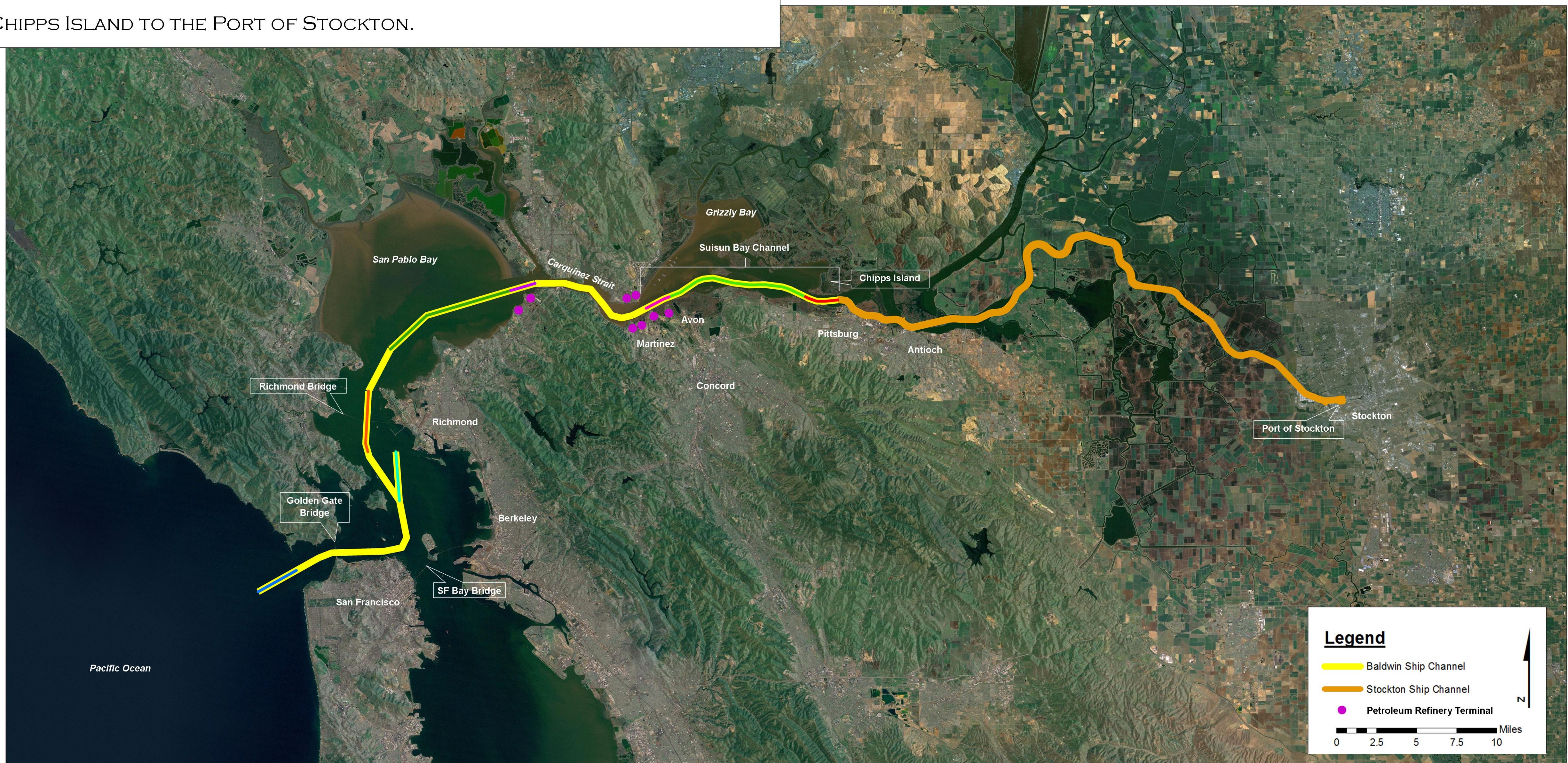
**CURRENT PROJECT PHASE**

# AUTHORIZED AND EXISTING PROJECT DEPTHS

THE SAN FRANCISCO BAY TO STOCKTON IMPROVEMENT PROJECT INCLUDES THE JOHN F. BALDWIN AND STOCKTON SHIP CHANNELS, WHICH EXTEND 75 NAUTICAL MILES FROM THE PACIFIC OCEAN, JUST OUTSIDE THE GOLDEN GATE, TO THE PORT OF STOCKTON. THE PROJECT IS DIVIDED INTO TWO SEPARATE REACHES, WITH THE JOHN F. BALDWIN SHIP CHANNEL EXTENDING FROM THE GOLDEN GATE TO CHIPPS ISLAND, AND THE STOCKTON SHIP CHANNEL EXTENDING FROM CHIPPS ISLAND TO THE PORT OF STOCKTON.

SHIP CHANNEL	REACH	AUTHORIZED DEPTH*	EXISTING DEPTH*
BALDWIN SHIP CHANNEL	SAN FRANCISCO BAR CHANNEL	55	55
	RICHMOND LONGWHARF	45	45
	WEST RICHMOND CHANNEL	45	35
	PINOLE SHOAL CHANNEL	45	35
	OLEUM MANEUVERING AREA	45	35
	SUISUN BAY CHANNEL	45	35
	MARTINEZ TO AVON	45	35
	AVON TO CHIPPS	45	35
STOCKTON SHIP CHANNEL	CHIPPS TO PITTSBURG	45	35
	PITTSBURG TO STOCKTON	35	35

\*DEPTHS DISPLAYED IN FEET BELOW MEAN LOWER LOW WATER (MLLW)



# POTENTIAL ALTERNATIVES

INCLUDE, BUT ARE NOT LIMITED TO—

## No Action

THE STUDY WILL EVALUATE THE EFFICIENCY OF  
MAINTAINING THE CURRENT DIMENSIONS OF THE  
JOHN F. BALDWIN AND STOCKTON SHIP CHANNELS

## CHANGE CHANNEL DIMENSIONS

### WIDEN CHANNEL

- FEASIBILITY TO BE DETERMINED BY STUDY

### DEEPEN CHANNEL

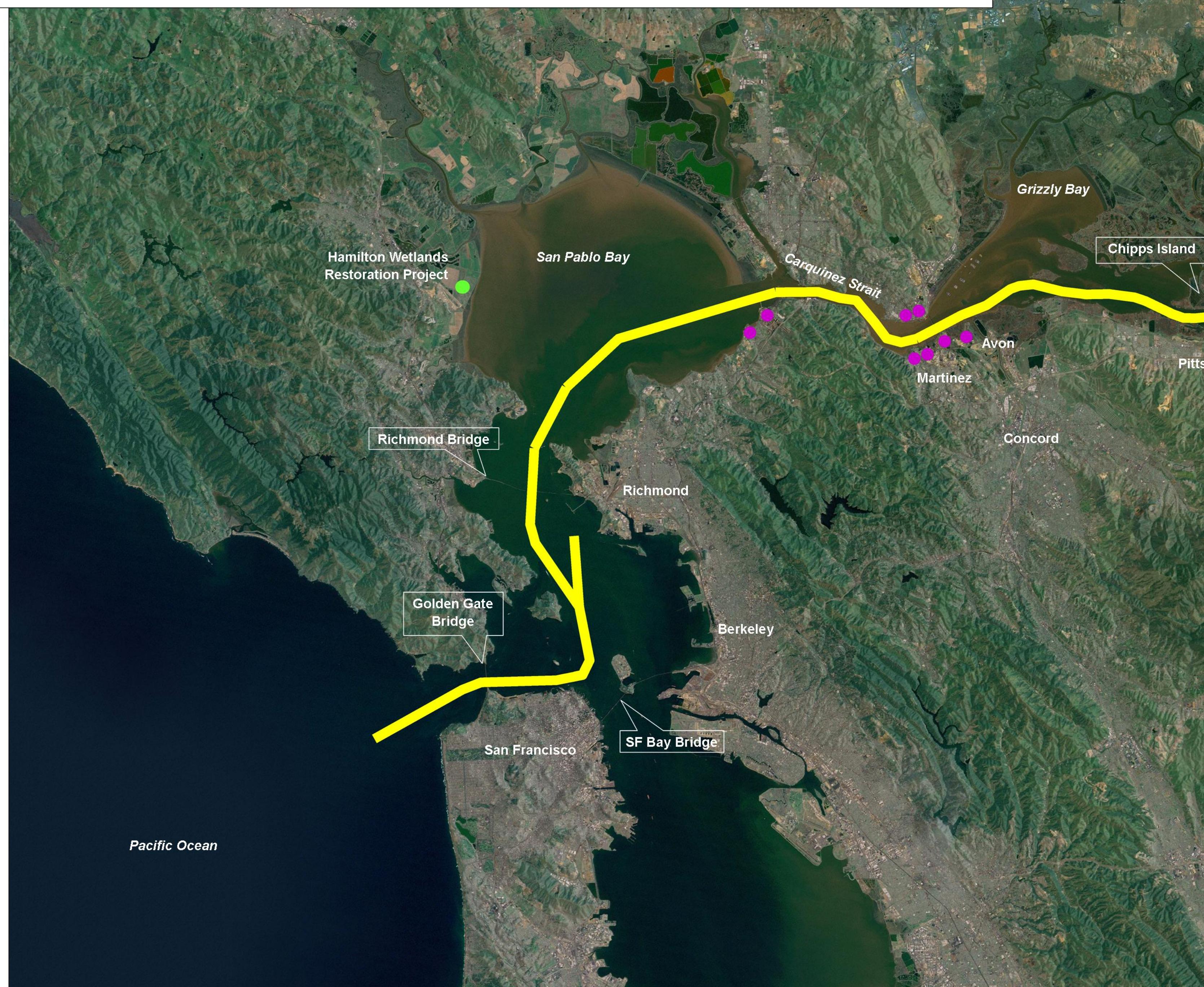
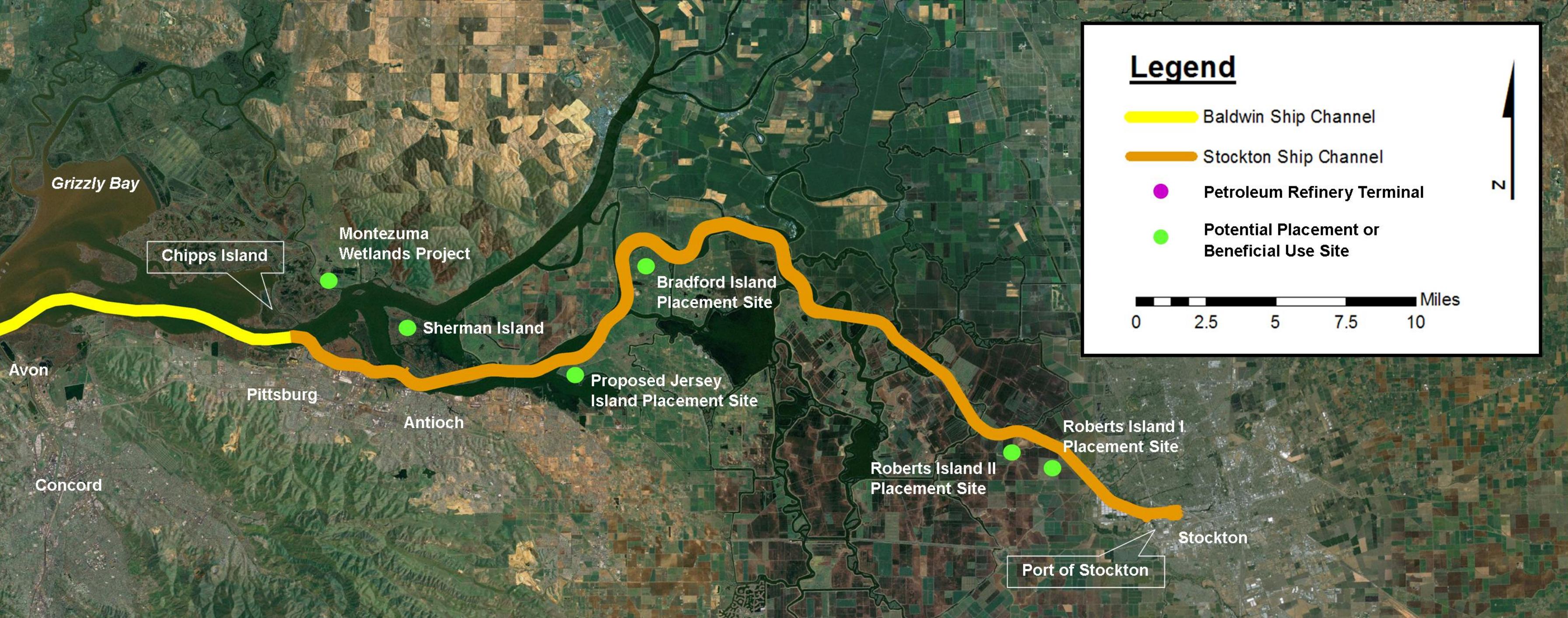
- TO THE DEPTHS ALLOWED BY 1965 PROJECT AUTHORITY
- TO DEPTHS DETERMINED BY THE STUDY

## ALTERNATIVE TRANSPORT METHODS

CONSIDER TRANSPORT OF COMMERCIAL GOODS USING:

- RAILWAYS
- HIGHWAYS

## POTENTIAL PLACEMENT AND BENEFICIAL USE SITES



## DREDGED MATERIAL PLACEMENT

PROVIDE DREDGED MATERIAL FOR BENEFICIAL USE IN OTHER PROJECTS

- WETLAND RESTORATION
- LEVEE STABILITY

### MATERIAL TRANSPORT METHOD

- RAIL / TRUCK / BARGE / PIPELINE

### POTENTIAL PLACEMENT SITES

- UPLAND SITES
- EPA DESIGNATED OCEAN DISPOSAL

# ENVIRONMENTAL REVIEW PROCESS

## NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) & CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

THE ULTIMATE PURPOSE OF NEPA AND CEQA IS TO ASSIST DECISION MAKERS AND THE PUBLIC IN CONSIDERING ENVIRONMENTAL AMENITIES IN THE DECISION MAKING PROCESS

- IDENTIFICATION OF SIGNIFICANT ENVIRONMENTAL RESOURCES IN THE PROPOSED PROJECT AREA
- CONSIDERATION OF A FULL RANGE OF REASONABLE ALTERNATIVES
- ASSESSMENT OF POTENTIAL IMPACTS
- FULL DISCLOSURE OF POTENTIAL IMPACTS
- MITIGATION MEASURES TO AVOID, MINIMIZE, OR COMPENSATE FOR ADVERSE IMPACTS

"TO DECLARE A NATIONAL POLICY WHICH WILL ENCOURAGE PRODUCTIVE AND ENJOYABLE HARMONY BETWEEN MAN AND HIS ENVIRONMENT; TO PROMOTE EFFORTS WHICH WILL PREVENT OR ELIMINATE DAMAGE TO THE ENVIRONMENT AND BIOSPHERE AND STIMULATE THE HEALTH AND WELFARE OF MAN; TO ENRICH THE UNDERSTANDING OF THE ECOLOGICAL SYSTEMS AND NATURAL RESOURCES IMPORTANT TO THE NATION..."

—PREAMBLE TO THE NATIONAL ENVIRONMENTAL POLICY ACT OF 1969

## ENVIRONMENTAL COMPLIANCE & PERMITS

- ENDANGERED SPECIES ACT (FEDERAL & STATE)
- MARINE PROTECTION, RESEARCH, AND SANCTUARIES ACT
- NATIONAL HISTORIC PRESERVATION ACT
- FISH AND WILDLIFE COORDINATION ACT
- CLEAN WATER ACT
- CLEAN AIR ACT
- MAGNUSON STEVENSON ACT (ESSENTIAL FISH HABITAT)
- COASTAL ZONE MANAGEMENT ACT

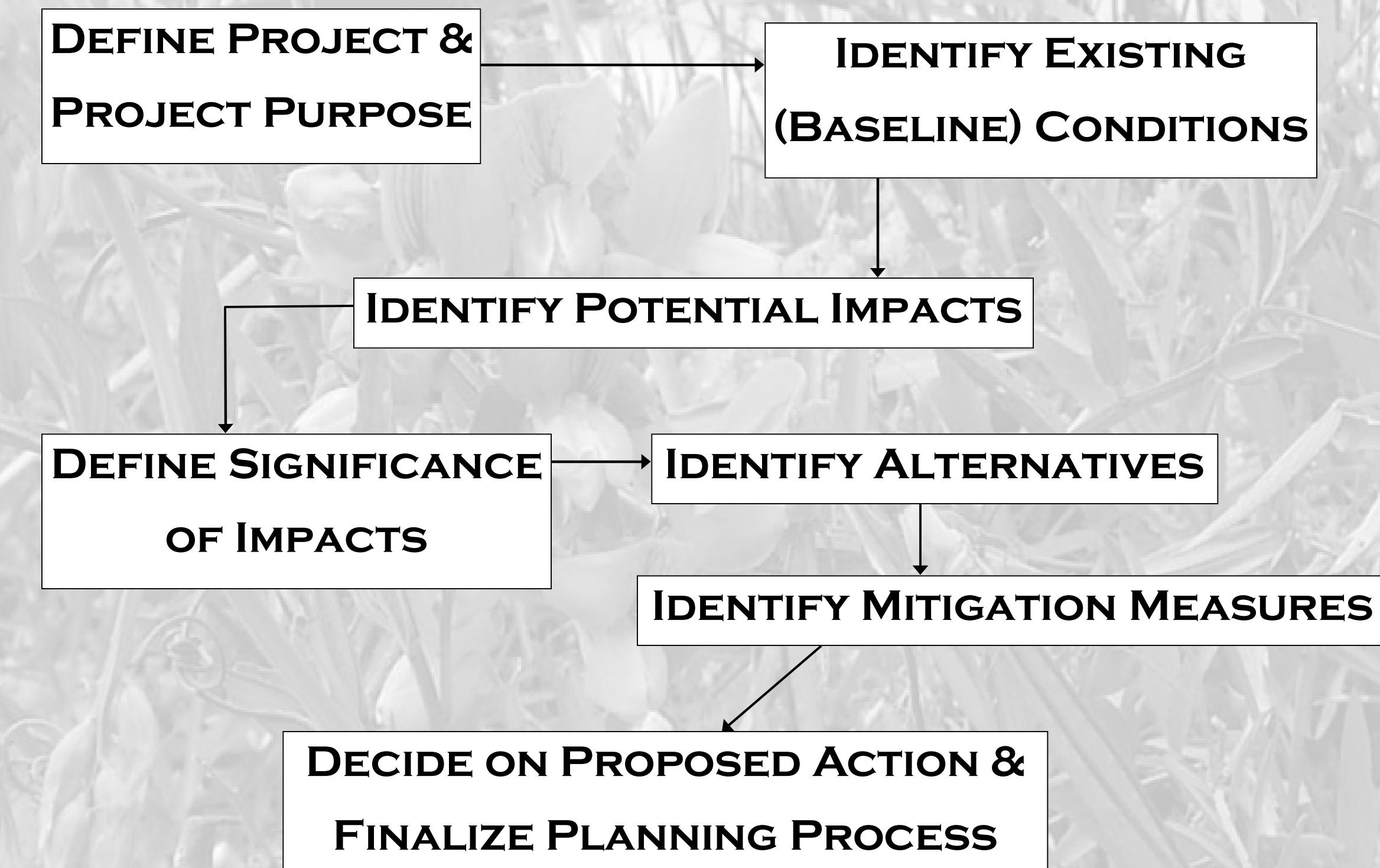


PHOTO COURTESY OF U.S. FISH & WILDLIFE SERVICE (FWS)

## ENVIRONMENTAL CONSIDERATIONS IN THE NEPA/CEQA PROCESS

- FISH AND WILDLIFE HABITATS OR ECOSYSTEMS
- THREATENED OR ENDANGERED SPECIES
- AIR AND WATER RESOURCES
- BIOLOGICAL RESOURCES
- TRAFFIC AND INFRASTRUCTURE
- SOCIOECONOMICS, LAND USE, GROWTH INDUCEMENT
- AESTHETICS AND NOISE
- PUBLIC HEALTH AND SAFETY
- AGRICULTURE
- GEOLOGY AND SOILS
- RECREATION
- DIRECT, INDIRECT, AND CUMULATIVE IMPACTS
- ENVIRONMENTAL JUSTICE

## THE REVIEW PROCESS



DELTA TULE PEA

PHOTO COURTESY OF CA DEPARTMENT OF WATER RESOURCES (DWR)

# POTENTIAL ENVIRONMENTAL AND SOCIOECONOMIC ISSUES

POTENTIAL ENVIRONMENTAL AND SOCIOECONOMIC ISSUES WILL BE INVESTIGATED AND ADDRESSED EARLY IN THE PLANNING PROCESS TO AVOID OR MINIMIZE POSSIBLE IMPACTS

## POTENTIAL ENVIRONMENTAL AND SOCIOECONOMIC ISSUES TO BE INVESTIGATED

- FEDERAL AND STATE LISTED SPECIES (ENDANGERED OR THREATENED) AND THEIR DESIGNATED CRITICAL HABITAT
- SALINITY INTRUSION INTO FRESH SURFACE WATER AND GROUND WATER
- DISSOLVED OXYGEN LEVELS IN CHANNELS
- AIR QUALITY
- WATER QUALITY
- WAKE EFFECTS ON DELTA LEVEES
- EROSION OF DELTA ISLANDS
- RECREATION AND PUBLIC SAFETY
- GROWTH INDUCEMENT

PHOTO COURTESY OF THE U.S. FISH AND WILDLIFE SERVICE (FWS)

DELTA SMELT

## METHODS FOR ADDRESSING ENVIRONMENTAL AND SOCIOECONOMIC ISSUES

- COORDINATE WITH U.S. FISH AND WILDLIFE SERVICE, NOAA FISHERIES, CA DEPT. OF FISH AND GAME, AND OTHER RESOURCE AGENCIES TO AVOID POTENTIAL IMPACTS TO LISTED SPECIES AND DESIGNATED CRITICAL HABITAT
  - LIMIT IN-WATER ACTIVITIES WHEN LISTED SPECIES ARE PRESENT
  - AVOID DESIGNATED CRITICAL HABITAT
  - SOLICIT OPINIONS FROM RESOURCE AGENCIES
- UTILIZE PEER-REVIEWED SALINITY MODELS TO MAKE SOUND PLANNING DECISIONS
- INVESTIGATE METHODS FOR PREVENTING AND MITIGATING POTENTIAL LOW DISSOLVED OXYGEN LEVELS IN CHANNELS
- INVESTIGATE METHODS FOR PREVENTING AND MITIGATING POTENTIAL IMPACTS TO AIR QUALITY
  - UTILIZE ELECTRIC POWER IN LIEU OF DIESEL WHEN POSSIBLE
  - MINIMIZE OUTPUT OF AIR POLLUTANTS
  - SOLICIT INPUT FROM RESOURCE AGENCIES
- INVESTIGATE BENEFICIAL USE OF DREDGED MATERIAL
- KEEP THE PUBLIC INFORMED OF ACTIVITIES AND PROGRESS
- MAKE INFORMED DECISIONS AND SHARE INFORMATION WITH THE PUBLIC



CALIFORNIA BROWN PELICAN

PHOTO COURTESY OF THE U.S. FISH AND WILDLIFE SERVICE (FWS)

# COMMENT STATION

-RETURN COMMENT CARDS HERE-

PLEASE SIGN IN AND JOIN OUR DISTRIBUTION LIST

## PLEASE PROVIDE INPUT

- VERBAL COMMENTS CAN BE SUBMITTED TO THE RECORDER

- WRITTEN COMMENTS SHOULD BE ADDRESSED TO:

**Ms. NANCY FERRIS  
U.S. ARMY CORPS OF ENGINEERS  
SAN FRANCISCO DISTRICT  
1455 MARKET STREET  
SAN FRANCISCO, CA 94103-1398**

- E-MAIL OR FAX COMMENTS TO:

FAX: (415) 503-6692

E-MAIL: SPNETPA@USACE.ARMY.MIL

—COMMENT PERIOD ENDS APRIL 30, 2008—

VISIT PROJECT WEBSITE FOR UPDATES

[http://www.spn.usace.army.mil/projects/stockton\\_navigation](http://www.spn.usace.army.mil/projects/stockton_navigation)

